

## WEST REGION

**Table 9 Selected Drug Use, Perceptions of Great Risk, Average Annual Marijuana Initiates, Past Year Substance Dependence or Abuse, Needing But Not Receiving Treatment, and Past Year Mental Health Measures in the West Region, by Age Group: Estimated Numbers (in Thousands), Annual Averages Based on 2013-2014 NSDUHs**

Measure	12+	12-17	18-25	26+	18+
<b>ILLCIT DRUGS</b>					
Past Month Illicit Drug Use <sup>1</sup>	7,309	629	2,006	4,673	6,679
Past Year Marijuana Use	9,424	923	2,831	5,671	8,501
Past Month Marijuana Use	6,072	526	1,788	3,757	5,546
Past Month Use of Illicit Drugs Other Than Marijuana <sup>1</sup>	2,373	214	571	1,588	2,160
Past Year Cocaine Use	1,253	49	486	718	1,204
Past Year Nonmedical Pain Reliever Use	2,707	295	689	1,723	2,411
Perception of Great Risk from Smoking Marijuana Once a Month	15,431	1,205	1,106	13,120	14,227
Average Annual Number of Marijuana Initiates <sup>2,3</sup>	735	321	344	70	414
<b>ALCOHOL</b>					
Past Month Alcohol Use	31,894	696	4,853	26,345	31,198
Past Month Binge Alcohol Use <sup>4</sup>	13,855	376	3,087	10,392	13,479
Perception of Great Risk from Drinking Five or More Drinks Once or Twice a Week	26,003	2,308	2,843	20,852	23,695
Past Month Alcohol Use (Individuals Aged 12 to 20)	2,126 <sup>5</sup>	--	--	--	--
Past Month Binge Alcohol Use (Individuals Aged 12 to 20) <sup>4</sup>	1,320 <sup>5</sup>	--	--	--	--
<b>TOBACCO PRODUCTS</b>					
Past Month Tobacco Product Use <sup>6</sup>	13,087	375	2,605	10,107	12,712
Past Month Cigarette Use	10,761	271	2,200	8,291	10,490
Perception of Great Risk from Smoking One or More Packs of Cigarettes per Day	45,466	3,876	5,770	35,820	41,590
<b>PAST YEAR DEPENDENCE, ABUSE, AND TREATMENT<sup>7</sup></b>					
Illicit Drug Dependence <sup>1</sup>	1,186	119	440	627	1,066
Illicit Drug Dependence or Abuse <sup>1</sup>	1,717	240	615	863	1,478
Alcohol Dependence	2,008	63	523	1,422	1,945
Alcohol Dependence or Abuse	4,196	173	1,094	2,929	4,023
Alcohol or Illicit Drug Dependence or Abuse <sup>1</sup>	5,252	328	1,461	3,464	4,925
Needing But Not Receiving Treatment for Illicit Drug Use <sup>1,8</sup>	1,541	223	563	756	1,318
Needing But Not Receiving Treatment for Alcohol Use <sup>8</sup>	3,957	167	1,056	2,735	3,790
<b>PAST YEAR MENTAL HEALTH ISSUES</b>					
Major Depressive Episode <sup>3,9</sup>	--	703	781	2,939	3,720
Serious Mental Illness <sup>3,10</sup>	--	--	382	1,863	2,245
Any Mental Illness <sup>3,10</sup>	--	--	1,738	8,747	10,485
Had Serious Thoughts of Suicide <sup>11</sup>	--	--	658	1,587	2,245

-- Not available.

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach.

NOTE: The West region includes the following states: Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming.

<sup>1</sup> Illicit Drugs include marijuana/hashish, cocaine (including crack), heroin, hallucinogens, inhalants, or prescription-type psychotherapeutics used nonmedically. Illicit Drugs Other Than Marijuana include cocaine (including crack), heroin, hallucinogens, inhalants, or prescription-type psychotherapeutics used nonmedically. These estimates include data from original methamphetamine questions but do not include new methamphetamine items added in 2005 and 2006.<sup>2</sup> Average annual number of marijuana initiates =  $X_1 \div 2$ , where  $X_1$  is the number of marijuana initiates in the past 24 months.<sup>3</sup> For details, see Section B of the "2011-2012 NSDUH: Guide to State Tables and Summary of Small Area Estimation Methodology" at <http://www.samhsa.gov/data/>.<sup>4</sup> Binge Alcohol Use is defined as drinking five or more drinks on the same occasion (i.e., at the same time or within a couple of hours of each other) on at least 1 day in the past 30 days.<sup>5</sup> Underage drinking is defined for individuals aged 12 to 20; therefore, the "12+" estimate reflects that age group and not individuals aged 12 or older.<sup>6</sup> Tobacco Products include cigarettes, smokeless tobacco (i.e., chewing tobacco or snuff), cigars, or pipe tobacco.<sup>7</sup> Dependence or abuse is based on definitions found in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders (DSM-IV)*.<sup>8</sup> Needing But Not Receiving Treatment refers to respondents classified as needing treatment for illicit drugs (or alcohol), but not receiving treatment for an illicit drug (or alcohol) problem at a specialty facility (i.e., drug and alcohol rehabilitation facilities [inpatient or outpatient], hospitals [inpatient only], or mental health centers).<sup>9</sup> Major depressive episode (MDE) is defined as in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders (DSM-IV)*, which specifies a period of at least 2 weeks when an individual experienced a depressed mood or loss of interest or pleasure in daily activities and had a majority of specified depression symptoms. There are minor wording differences in the questions in the adult and adolescent MDE modules. Therefore, data from youths aged 12 to 17 were not combined with data from adults aged 18 or older to produce an estimate for those aged 12 or older.<sup>10</sup> Mental Illness is defined as having a diagnosable mental, behavioral, or emotional disorder, other than a developmental or substance use disorder, assessed by the Mental Health Surveillance Study (MHSS) *Structured Clinical Interview for the Diagnostic and Statistical Manual of Mental Disorders—Fourth Edition—Research Version—Axis I Disorders (MHSS-SCID)*, which is based on the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders (DSM-IV)*. Three categories of mental illness severity are defined based on the level of functional impairment: mild mental illness, moderate mental illness, and serious mental illness (SMI). Any mental illness (AMI) includes individuals in any of the three categories.<sup>11</sup> Respondents were asked, "At any time in the past 12 months, did you seriously think about trying to kill yourself?" If they answered "Yes," they were categorized as having serious thoughts of suicide in the past year.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2013 and 2014.

## WEST REGION

**Table 10 Selected Drug Use, Perceptions of Great Risk, Average Annual Incidence Estimates of First Use of Marijuana, Past Year Substance Dependence or Abuse, Needing But Not Receiving Treatment, and Past Year Mental Health Measures in the West Region, by Age Group: Percentages, Annual Averages Based on 2013-2014 NSDUHs**

Measure	12+	12-17	18-25	26+	18+
<b>ILLICIT DRUGS</b>					
Past Month Illicit Drug Use <sup>1</sup>	11.84	10.59	23.90	9.86	11.97
Past Year Marijuana Use	15.27	15.53	33.72	11.97	15.24
Past Month Marijuana Use	9.84	8.85	21.30	7.93	9.94
Past Month Use of Illicit Drugs Other Than Marijuana <sup>1</sup>	3.84	3.60	6.81	3.35	3.87
Past Year Cocaine Use	2.03	0.82	5.78	1.52	2.16
Past Year Nonmedical Pain Reliever Use	4.38	4.97	8.20	3.63	4.32
Perception of Great Risk from Smoking Marijuana Once a Month	24.97	20.28	13.18	27.68	25.47
Average Annual Incidence Estimates of First Use of Marijuana <sup>2,3</sup>	2.20	6.37	8.27	0.29	1.45
<b>ALCOHOL</b>					
Past Month Alcohol Use	51.67	11.71	57.82	55.59	55.92
Past Month Binge Alcohol Use <sup>4</sup>	22.44	6.32	36.78	21.93	24.16
Perception of Great Risk from Drinking Five or More Drinks Once or Twice a Week	42.12	38.84	33.87	44.00	42.47
Past Month Alcohol Use (Individuals Aged 12 to 20)	22.73 <sup>5</sup>	--	--	--	--
Past Month Binge Alcohol Use (Individuals Aged 12 to 20) <sup>4</sup>	14.11 <sup>5</sup>	--	--	--	--
<b>TOBACCO PRODUCTS</b>					
Past Month Tobacco Product Use <sup>6</sup>	21.20	6.31	31.04	21.33	22.79
Past Month Cigarette Use	17.43	4.56	26.21	17.50	18.80
Perception of Great Risk from Smoking One or More Packs of Cigarettes per Day	73.65	65.22	68.74	75.58	74.55
<b>PAST YEAR DEPENDENCE, ABUSE, AND TREATMENT<sup>7</sup></b>					
Illicit Drug Dependence <sup>1</sup>	1.92	2.01	5.24	1.32	1.91
Illicit Drug Dependence or Abuse <sup>1</sup>	2.78	4.04	7.32	1.82	2.65
Alcohol Dependence	3.25	1.05	6.24	3.00	3.49
Alcohol Dependence or Abuse	6.80	2.91	13.03	6.18	7.21
Alcohol or Illicit Drug Dependence or Abuse <sup>1</sup>	8.51	5.51	17.40	7.31	8.83
Needing But Not Receiving Treatment for Illicit Drug Use <sup>1,8</sup>	2.50	3.74	6.70	1.59	2.36
Needing But Not Receiving Treatment for Alcohol Use <sup>8</sup>	6.41	2.80	12.58	5.77	6.79
<b>PAST YEAR MENTAL HEALTH ISSUES</b>					
Major Depressive Episode <sup>3,9</sup>	--	11.82	9.30	6.20	6.67
Serious Mental Illness <sup>3,10</sup>	--	--	4.56	3.93	4.02
Any Mental Illness <sup>3,10</sup>	--	--	20.70	18.46	18.79
Had Serious Thoughts of Suicide <sup>11</sup>	--	--	7.84	3.35	4.02

-- Not available.

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach.

NOTE: The West region includes the following states: Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming.

<sup>1</sup> Illicit Drugs include marijuana/hashish, cocaine (including crack), heroin, hallucinogens, inhalants, or prescription-type psychotherapeutics used nonmedically. Illicit Drugs Other Than Marijuana include cocaine (including crack), heroin, hallucinogens, inhalants, or prescription-type psychotherapeutics used nonmedically. These estimates include data from original methamphetamine questions but do not include new methamphetamine items added in 2005 and 2006.

<sup>2</sup> Average annual initiation of marijuana (%) =  $100 * \{ [X_1 \div (0.5 * X_1 + X_2)] \div 2 \}$ , where  $X_1$  is the number of marijuana initiates in the past 24 months and  $X_2$  is the number of individuals who never used marijuana (with the at-risk population defined as  $0.5 * X_1 + X_2$ ). Both of the computation components,  $X_1$  and  $X_2$ , are based on a survey-weighted hierarchical Bayes estimation approach. The age group shown is based on a respondent's age at the time of the interview, not his or her age at first use.

<sup>3</sup> For details, see Section B of the "2011-2012 NSDUH: Guide to State Tables and Summary of Small Area Estimation Methodology" at <http://www.samhsa.gov/data/>.

<sup>4</sup> Binge Alcohol Use is defined as drinking five or more drinks on the same occasion (i.e., at the same time or within a couple of hours of each other) on at least 1 day in the past 30 days.

<sup>5</sup> Underage drinking is defined for individuals aged 12 to 20; therefore, the "12+" estimate reflects that age group and not individuals aged 12 or older.

<sup>6</sup> Tobacco Products include cigarettes, smokeless tobacco (i.e., chewing tobacco or snuff), cigars, or pipe tobacco.

<sup>7</sup> Dependence or abuse is based on definitions found in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-IV).

<sup>8</sup> Needing But Not Receiving Treatment refers to respondents classified as needing treatment for illicit drugs (or alcohol), but not receiving treatment for an illicit drug (or alcohol) problem at a specialty facility (i.e., drug and alcohol rehabilitation facilities [inpatient or outpatient], hospitals [inpatient only], or mental health centers).

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<sup>10</sup> Mental Illness is defined as having a diagnosable mental, behavioral, or emotional disorder, other than a developmental or substance use disorder, assessed by the Mental Health Surveillance Study (MHSS) *Structured Clinical Interview for the Diagnostic and Statistical Manual of Mental Disorders—Fourth Edition—Research Version—Axis I Disorders* (MHSS-SCID), which is based on the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-IV). Three categories of mental illness severity are defined based on the level of functional impairment: mild mental illness, moderate mental illness, and serious mental illness (SMI). Any mental illness (AMI) includes individuals in any of the three categories.

<sup>11</sup> Respondents were asked, "At any time in the past 12 months, did you seriously think about trying to kill yourself?" If they answered "Yes," they were categorized as having serious thoughts of suicide in the past year.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2013 and 2014.